

Amendments to the Specification:

Please replace the paragraph identified as paragraph [0002] in the published patent application with the following rewritten paragraph (deleted text being struck through and added text being underlined):

A1 The invention is a system and method for enhanced HAVi based device implementation. Specifically, the invention is a system and method for providing extended functionality for a HAVi compatible device.

Please replace the paragraph identified as paragraph [0014] in the published patent application with the following rewritten paragraph (deleted text being struck through and added text being underlined):

A2 The HAVi specification is currently in its first version, last updated Jan. 18, 2000, and can be found in .pdf format at ~~www.~~ the HAVi.com website.

Please replace the paragraph identified as paragraph [0030] in the published patent application with the following rewritten paragraph (deleted text being struck through and added text being underlined):

A3 With reference to FIG. 2 - , DCMs are a central concept to the HAVi architecture and the source of flexibility in accommodating new devices 30 and features. A chart 200 in FIG. 2 illustrates how DCMs can be distinguished in several ways. The first DCM characteristic is how the DCM is obtained by the controller. For example, the DCM may be embedded. An embedded DCM is a DCM that is part of the resident software on a controller 30a. A DCM may also be uploaded. An ~~embedded~~ uploaded DCM is one that is obtained from some source external to the controller 30a and is dynamically added to the software on the controller 30a.

Please replace the paragraph identified as paragraph [0043] in the published patent application with the following rewritten paragraph (deleted text being struck through and added text being underlined):

A4
With reference to FIG. 3, a system for providing extended functionality for a HAVi compatible device 30b is shown. The HAVi compatible device 30b is connectable to a HAVi network 100. The extended functionality is defined by control data 422 stored on a remote server 420 external to the HAVi network 100. The remote server 420 is connected to an external network ~~350~~ 400. The external network ~~350~~ 400 comprises a network external to the HAVi network ~~400~~ 350. The HAVi network 350 comprises several other HAVi compatible devices 30.

Please replace the paragraph identified as paragraph [0044] in the published patent application with the following rewritten paragraph (deleted text being struck through and added text being underlined):

A5
The system comprises an external network connection device 120 for providing data communications between the HAVi network 100 and the remote server 420. The external network connection device 120 is connectable to the external network ~~350~~ 400. The external network connection device 120 is for receiving the control data 422 from the remote server 420.

Please replace the paragraph identified as paragraph [0045] in the published patent application with the following rewritten paragraph (deleted text being struck through and added text being underlined):

A6
The system further includes a control module, shown as device control module (DCM) 32b containing a special functional control module (FCM)

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34b in FIG. 3. The control module 32b - and 34b is for providing the extended functionality for the HAVi compatible device 30b based on the control data 422. In FIG. 3, the DCM 32b is shown containing several FCMs 34 and the special functional control module 34b. The DCM 32b is for presenting the functionality of the HAVi compatible device 30b to the HAVi network 100.

Please replace the paragraph identified as paragraph [0046] in the published patent application with the following rewritten paragraph (deleted text being struck through and added text being underlined):

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The device control module 32b may be included on a master control device 30a comprising a processor connected to the HAVi network 100. The processor 30a has a memory module 38 for storing the DCM 32b and functional control module 34b. DCMs 32 for the other HAVi compatible devices 30 are present on the master control device 30, with each of the DCMs containing FCMs 34 for those devices.

Please replace the paragraph identified as paragraph [0047] in the published patent application with the following rewritten paragraph (deleted text being struck through and added text being underlined):

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The processor 30a may further comprise the external network connection device 120 as opposed to the external network connection device 120 being directly connected to the network ~~420~~ 400. The external network connection device 120 may comprise a modem, cable modem, ISDN device, or DSL connector.

Please replace the paragraph identified as paragraph [0048] in the published patent application with the following rewritten paragraph (deleted text being struck through and added text being underlined):

text being struck through and added text being underlined):

A9
The processor 30a is for presenting the device control module 32b to a user of the HAVi network 100 for providing the user with the capability of controlling the HAVi compatible device 32a with the extended functionality. The device control module 32b is presented with ~~the~~ its functional control modules 34 - and 34b in the display presented by the DCM 34b described in the HAVi specification. There is a FCM 34b for the legacy device 30b and an FCM 34b for a virtual device representing the functionality of a set of control data 422 stored on a remote server 420. A single DCM 32b exposes the combined functionality of the legacy device 30b and the control data 422 so that it has the same DCM 32b interface as a more intelligent, or contemporary, non-legacy device, and therefore causes the legacy device 30b to appear to the user as if it were a non-legacy device 30b.

Please replace the paragraph identified as ~~paragraph~~ [0050] in the published patent application with the following rewritten paragraph (deleted text being struck through and added text being underlined):

A10
Another embodiment of the system comprises a first usable device 30b comprising one of a plurality of usable devices 30 capable of being connected to a local network 100. Each usable device 30, 30a, 30b is capable of receiving commands from a user of the local network 100.

Please replace the paragraph identified as ~~paragraph~~ [0051] in the published patent application with the following rewritten paragraph (deleted text being struck through and added text being underlined):

A11
The external network connection device 120 is for providing data communications between the local network 100 and a remote server 420 connected to the external network ~~350~~ 400. The external network connection

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device 120 is thus connectable to the external network ~~350~~ 400. The network connection device 120 is for receiving control data 422 from the remote server 420. The control data 422 defines extended functionality for a first device 30b of the one or more of the plurality of usable devices 30 - and 30b. One or more control modules 32b - and 34b is for providing the extended functionality for the one or more usable devices 30b based on the control data 422.

Please replace the paragraph identified as paragraph [0053] in the published patent application with the following rewritten paragraph (deleted text being struck through and added text being underlined):

A12
The extended functionality comprises a plurality of extended functions for controlling the first usable device 30b. The device control module 32b comprises a plurality of functional control modules 34 - and 34b. Each functional control module 34-34b comprises a subset of the plurality of extended functions.

Please replace the paragraph identified as paragraph [0057] in the published patent application with the following rewritten paragraph (deleted text being struck through and added text being underlined):

A13
With reference to FIG. 5, a diagram illustrating the components and a process for retrieving the control data 422 from the server 420 is shown. The server 420 contains the control data 422. The control data 422 may be formatted into a database containing control data records 424. Each control data record 424 includes, for example, control data for a compact disk title. Each control data record 424 may include an identification code 426 provided by a publisher ~~of the publisher~~ of a respective compact disk.